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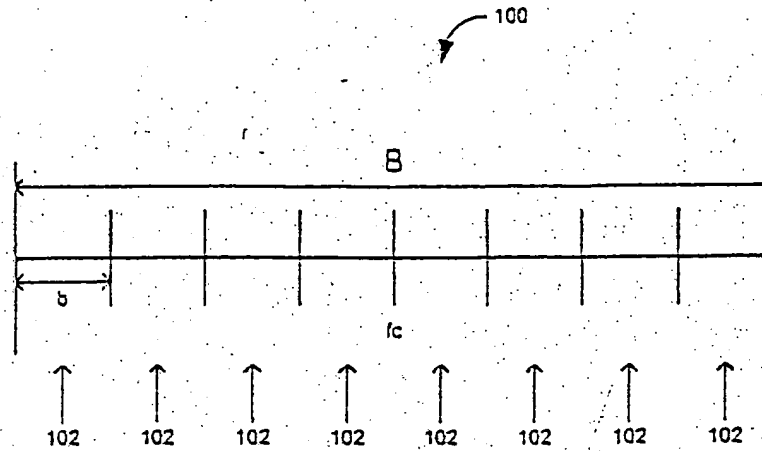


Figure 1

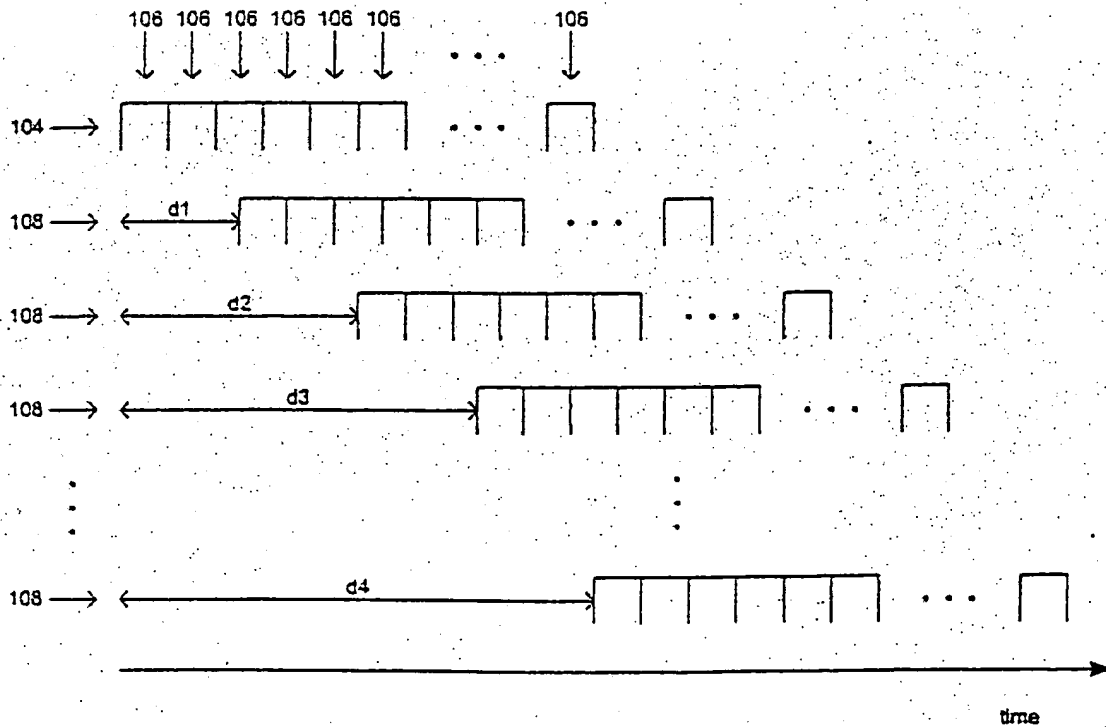


Figure 2

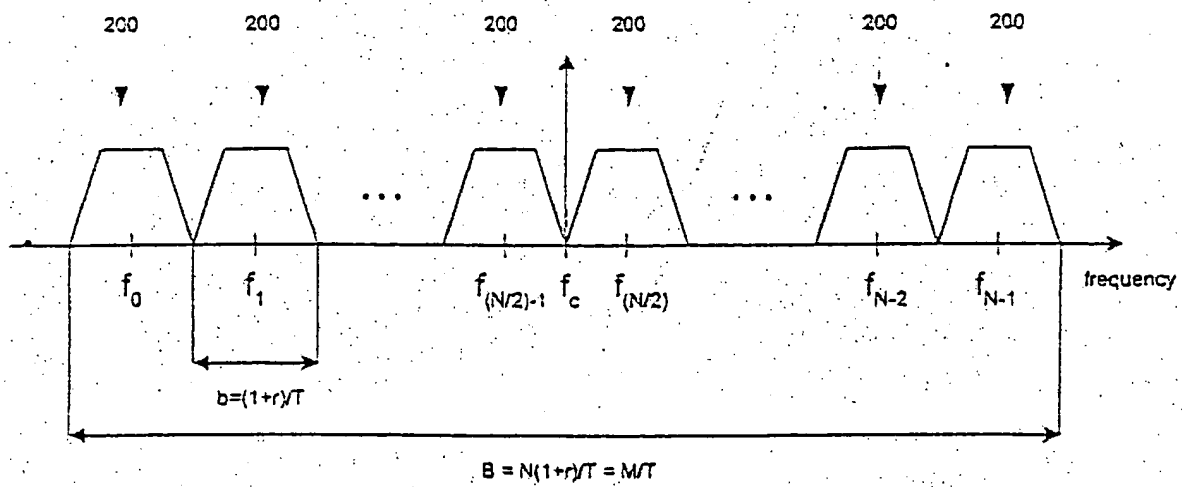


Figure 3

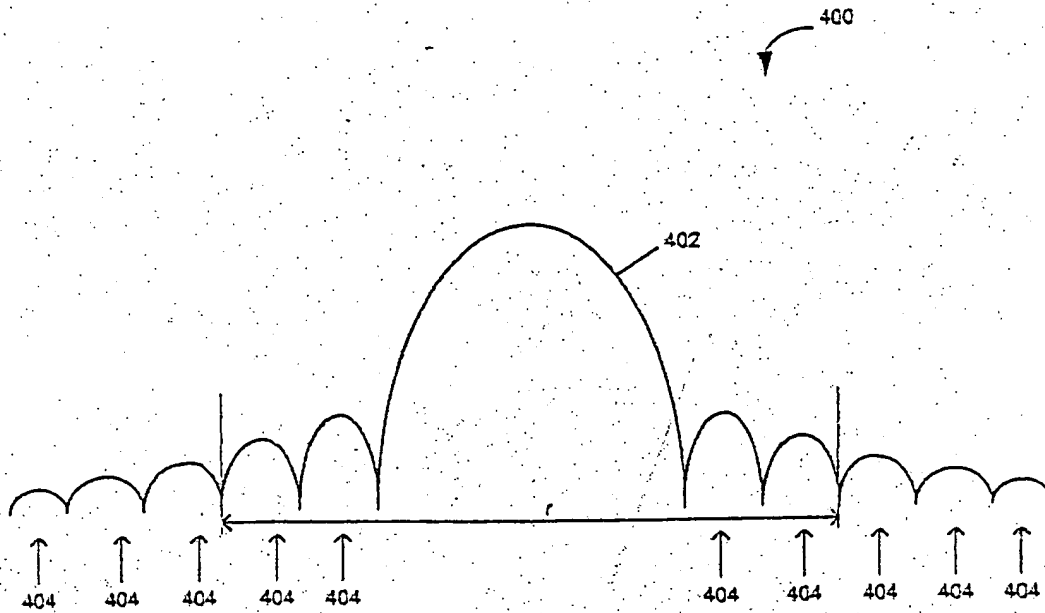


Figure 4

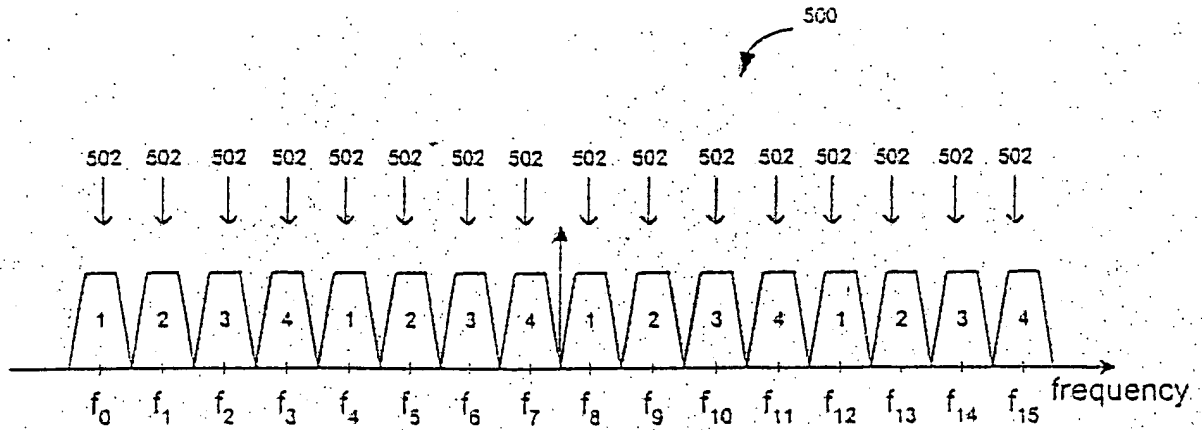


Figure 5A

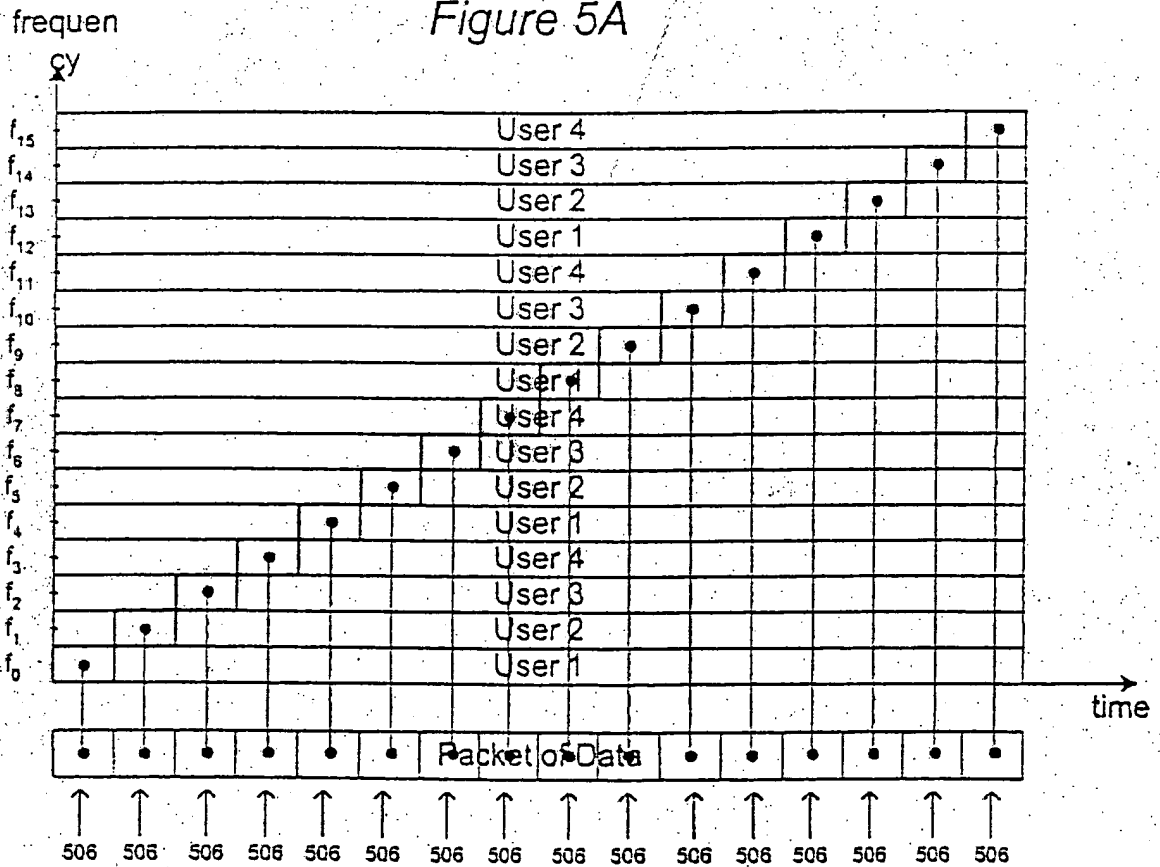


Figure 5B

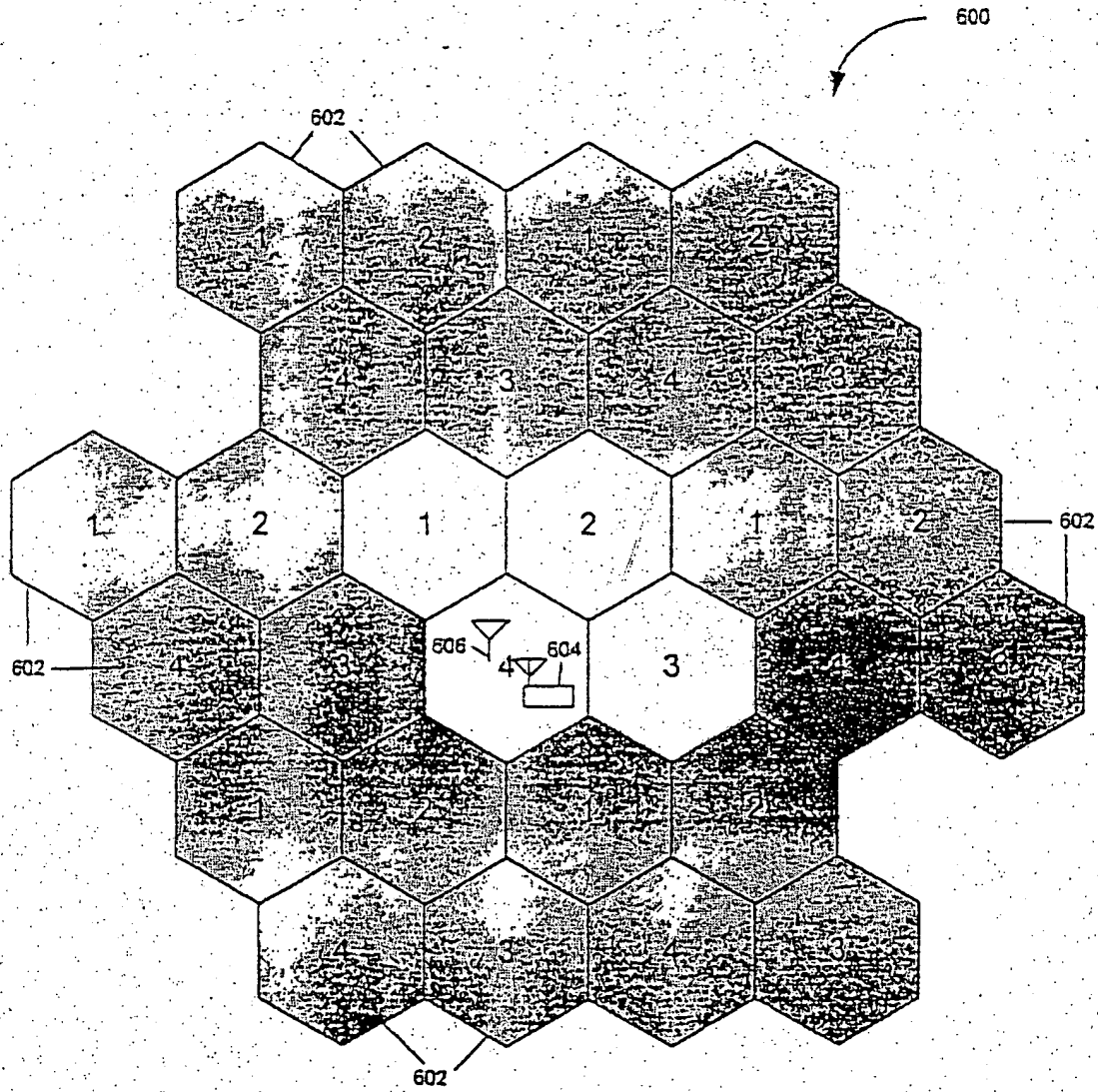


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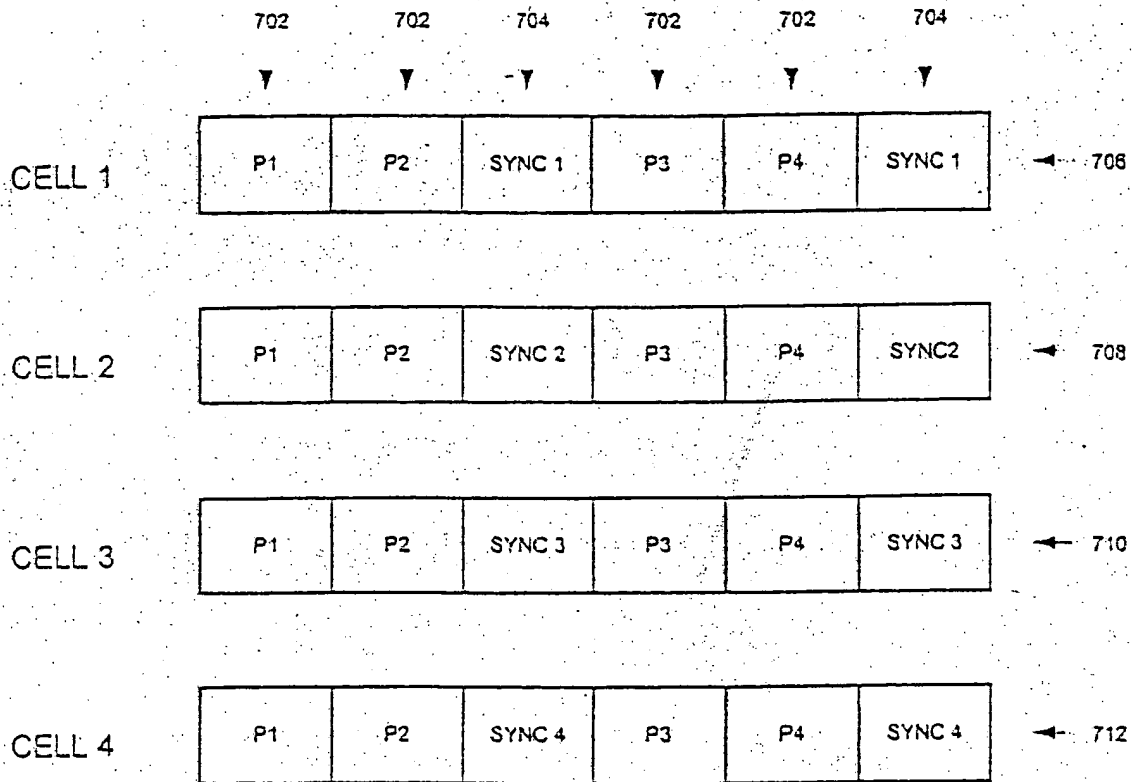


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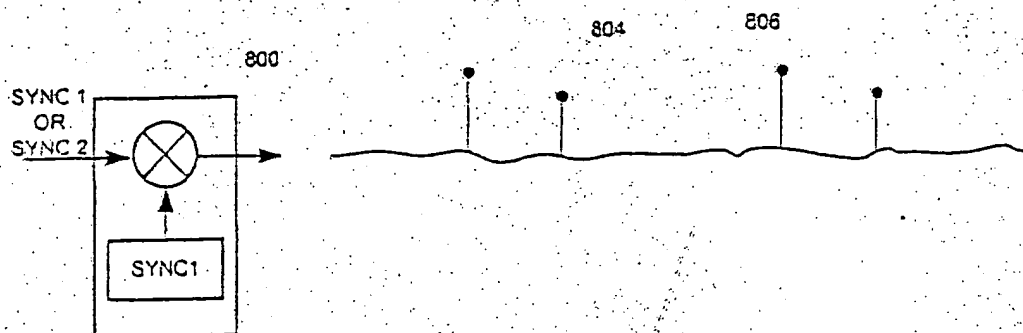


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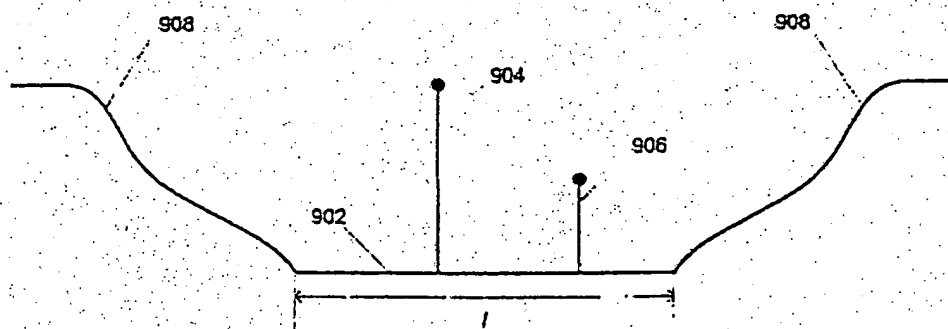


Figure 9



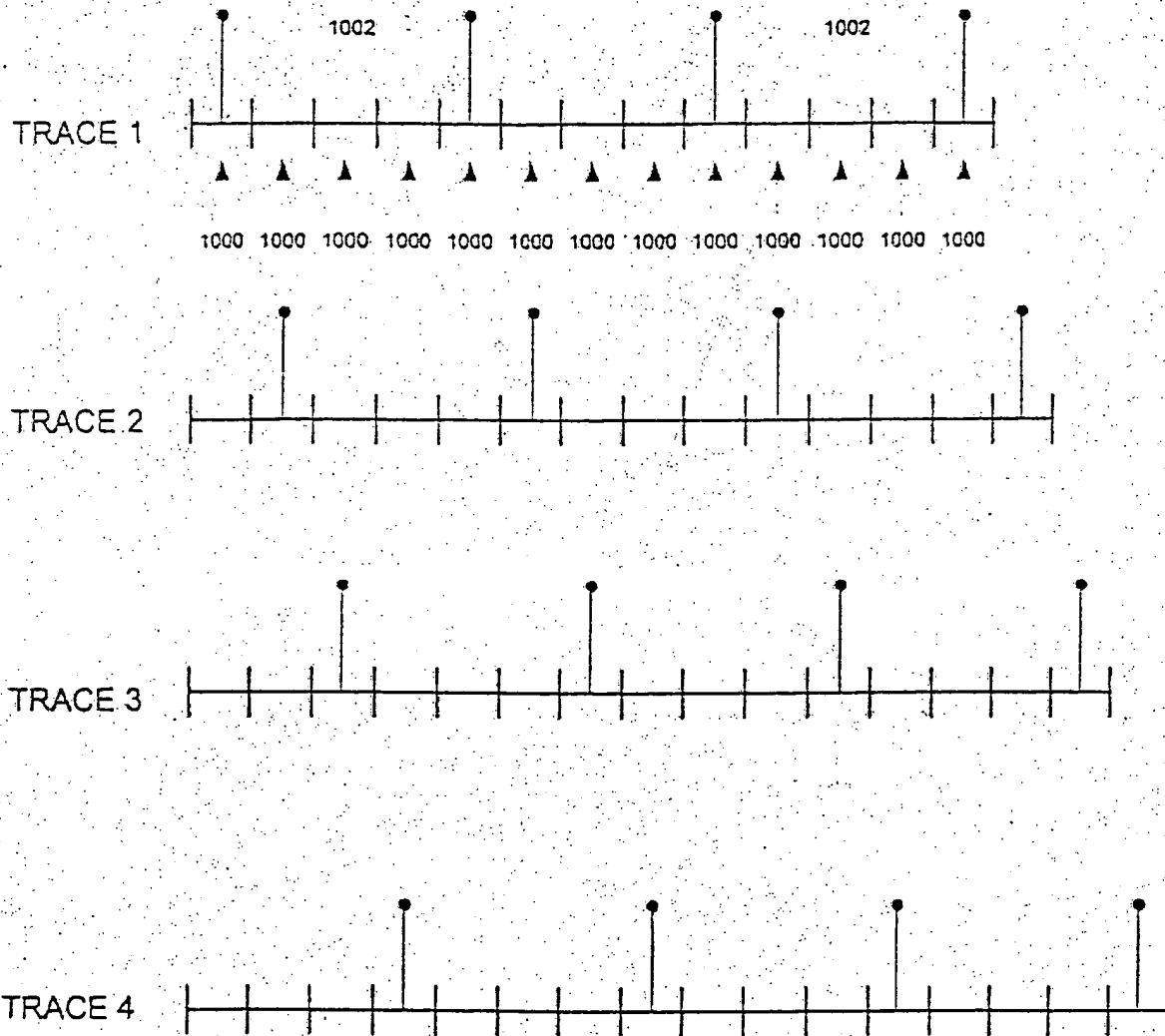


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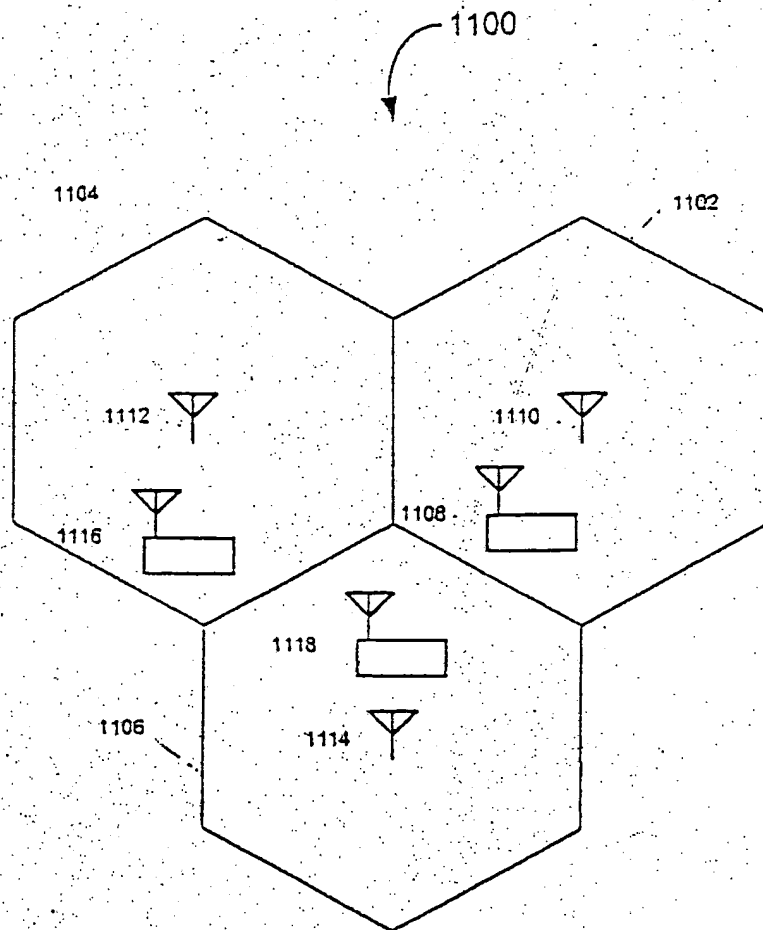


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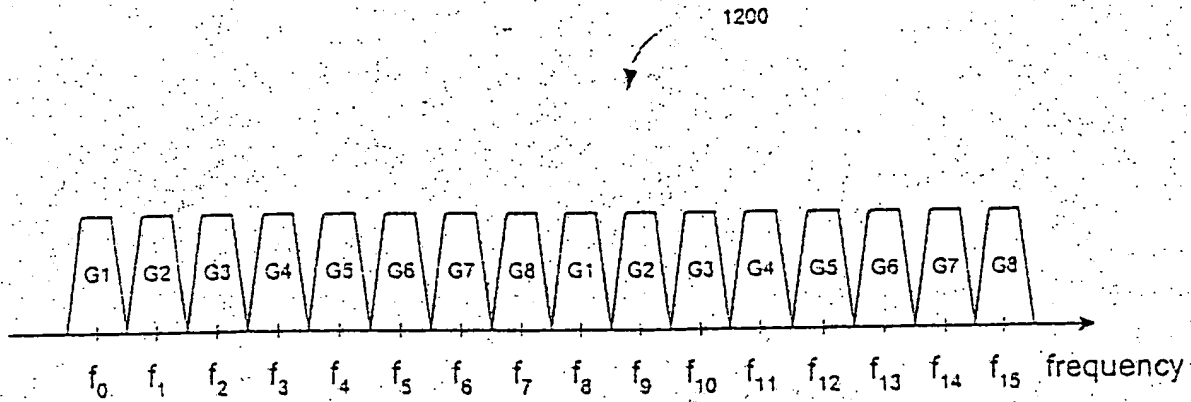


Figure 12A

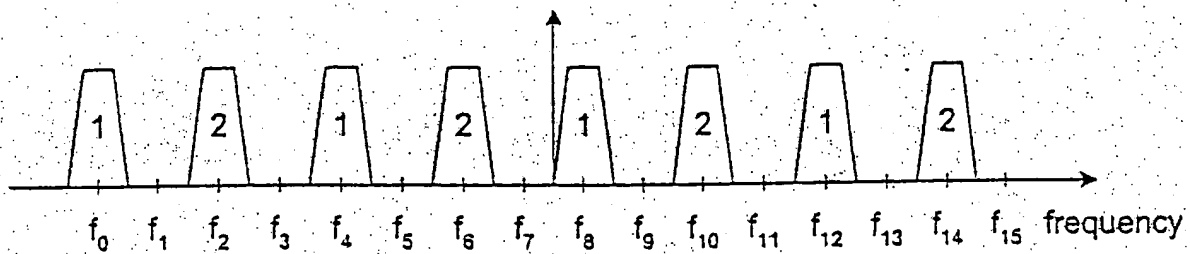


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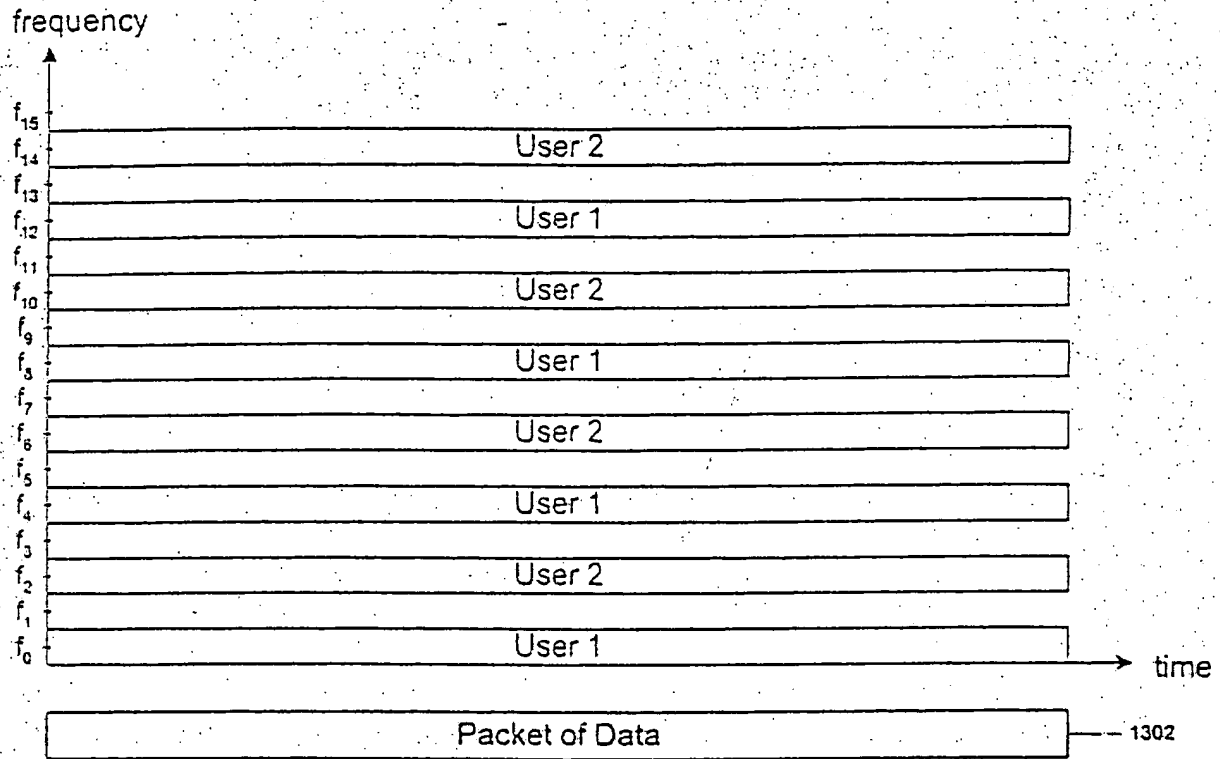


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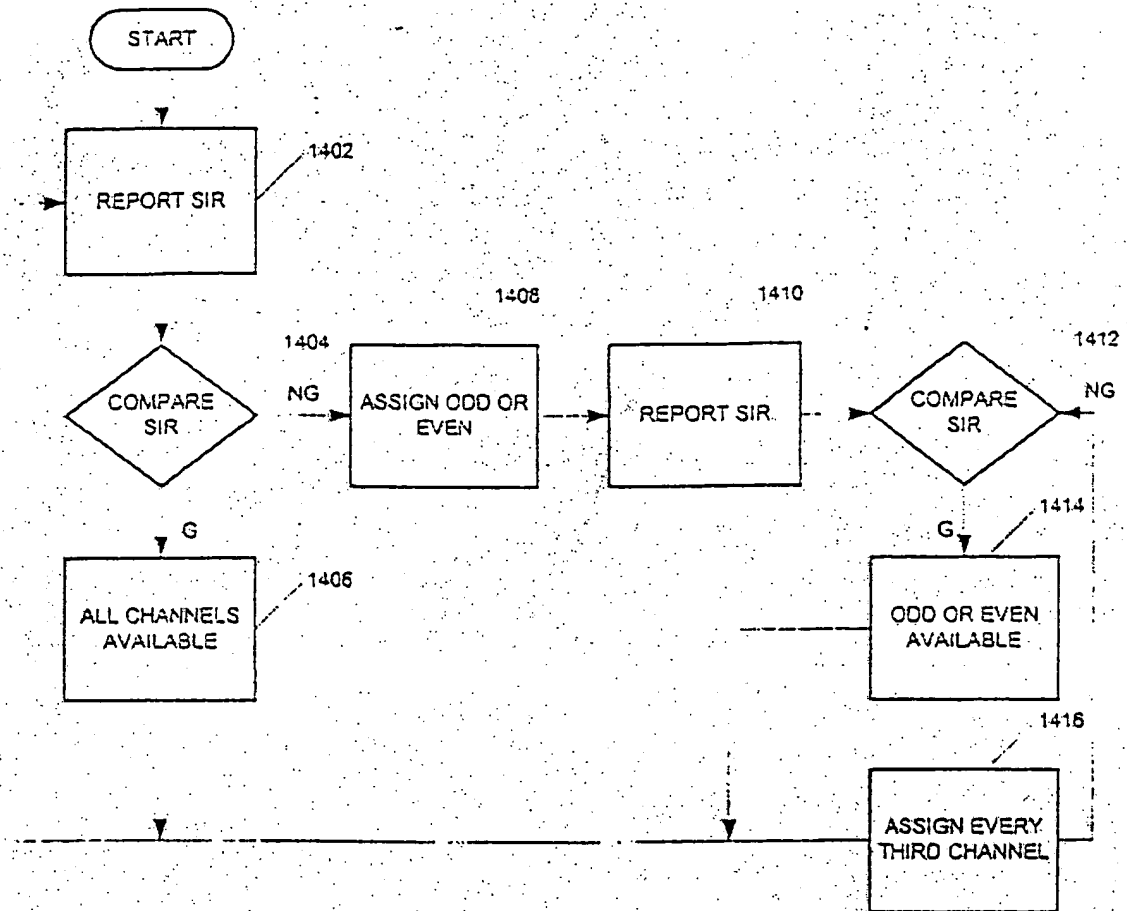


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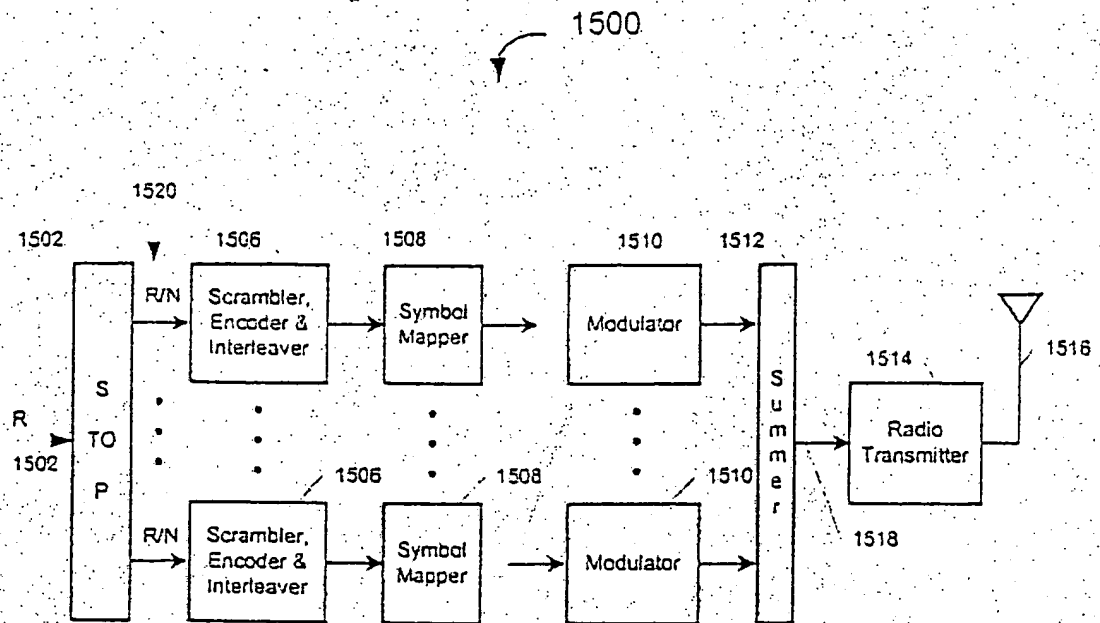


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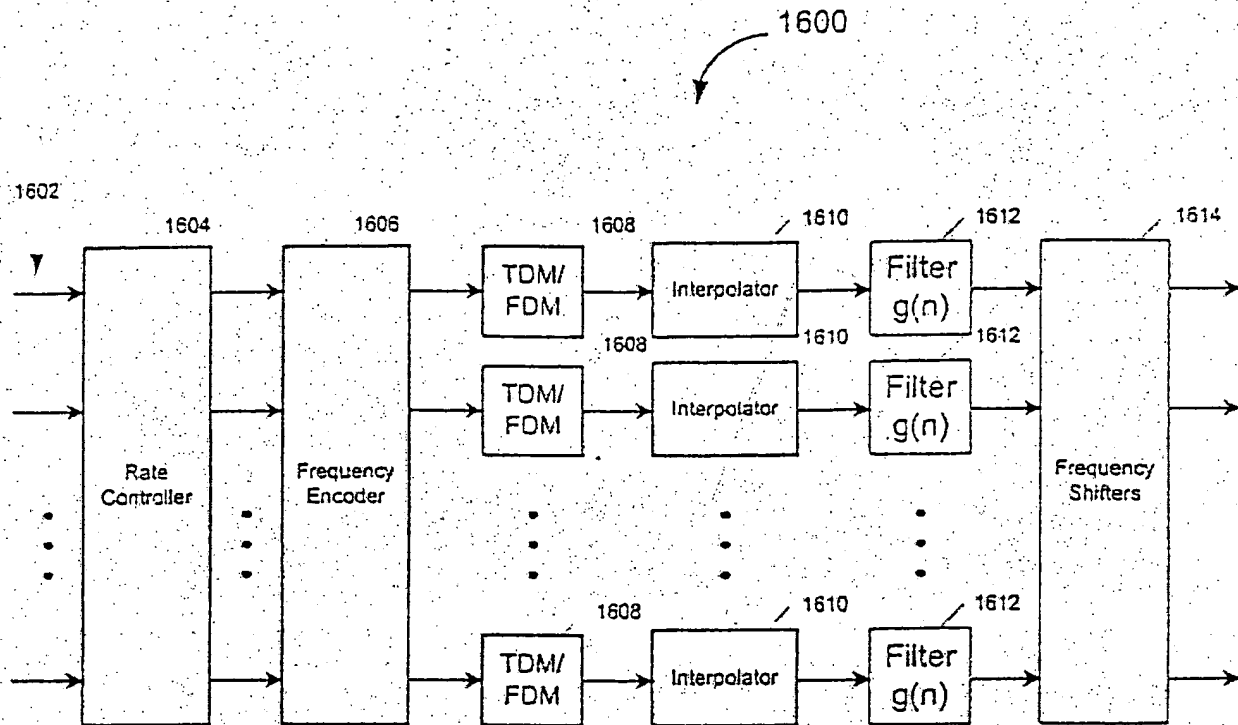


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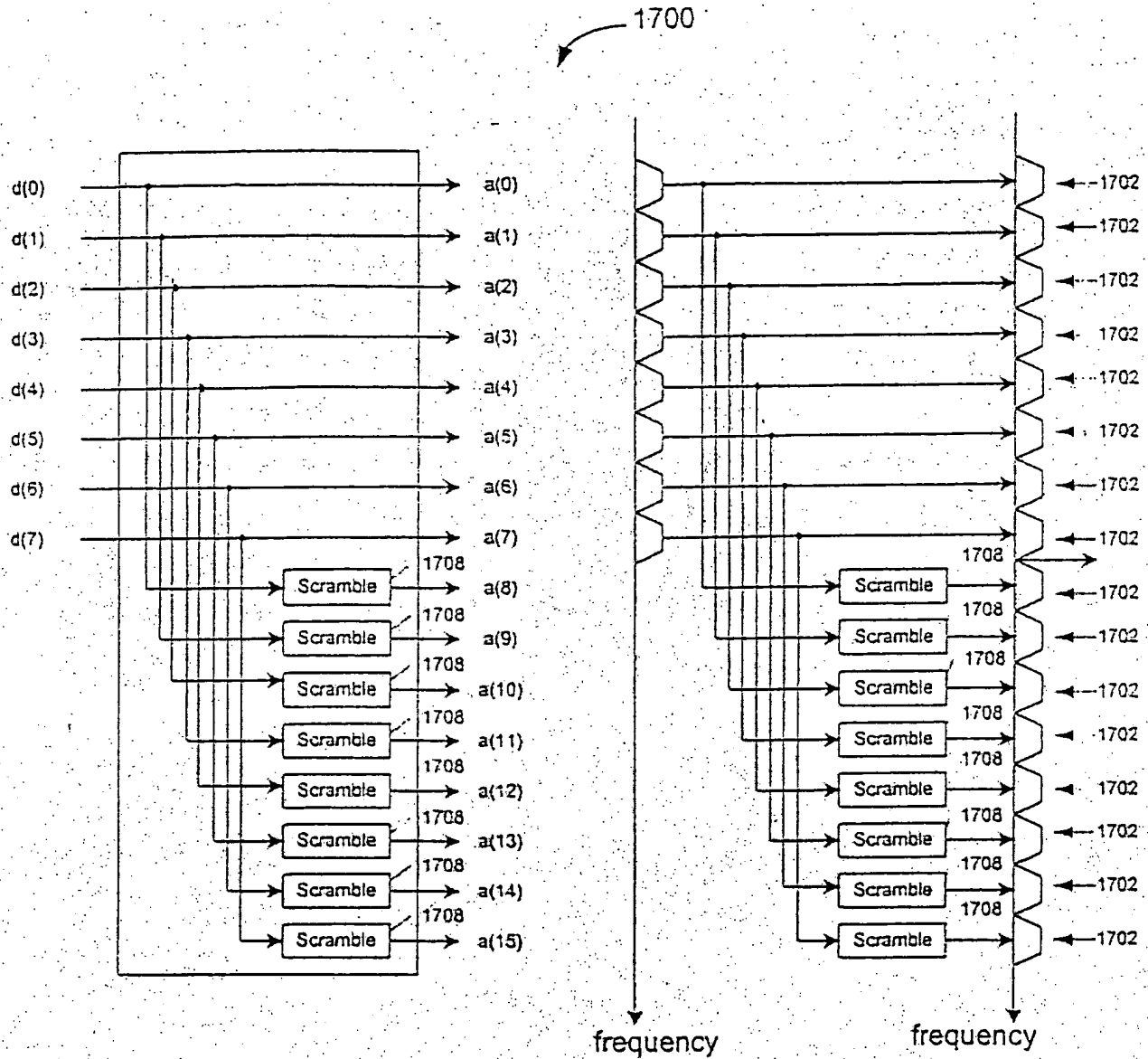


Figure 17



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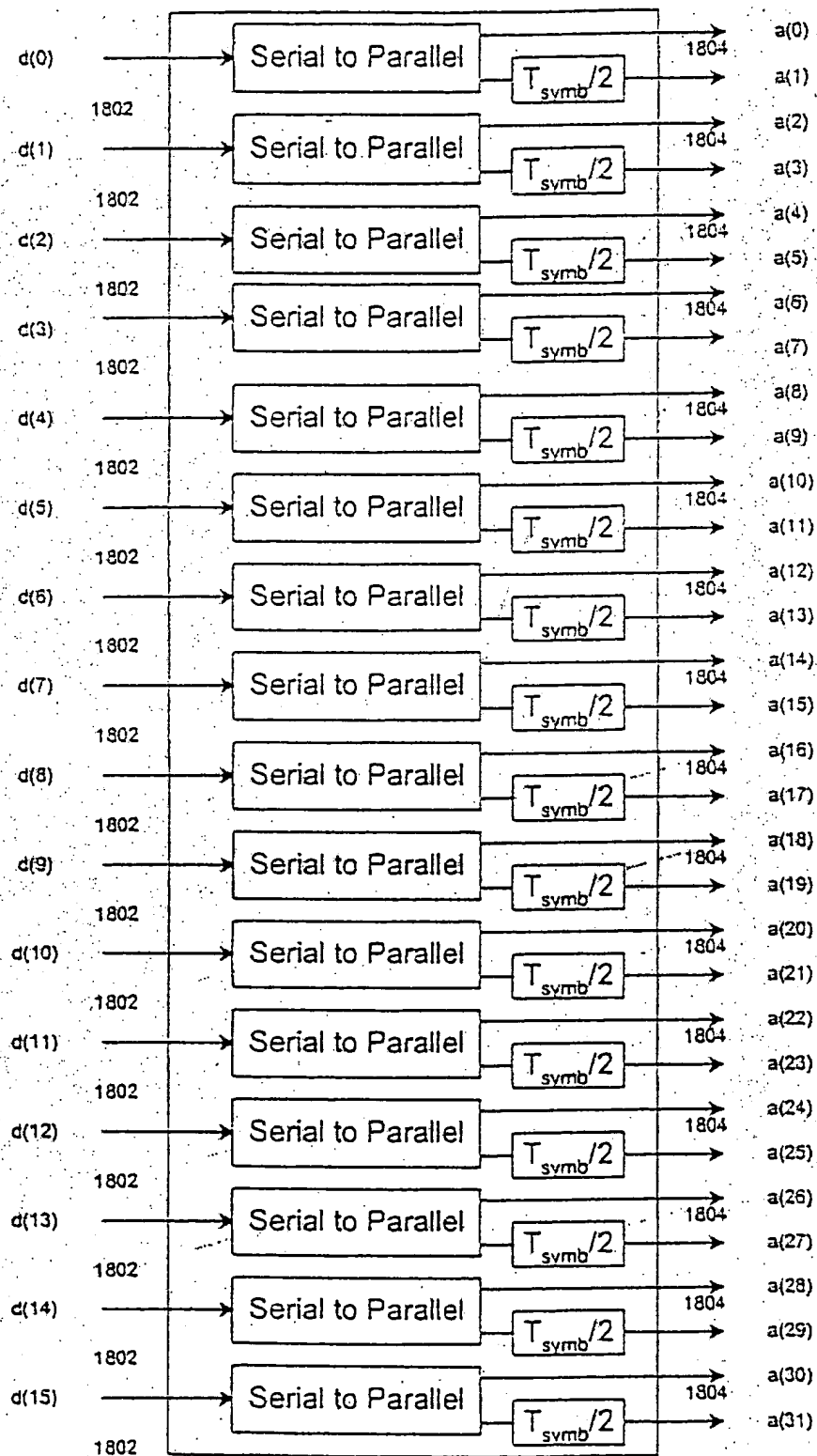


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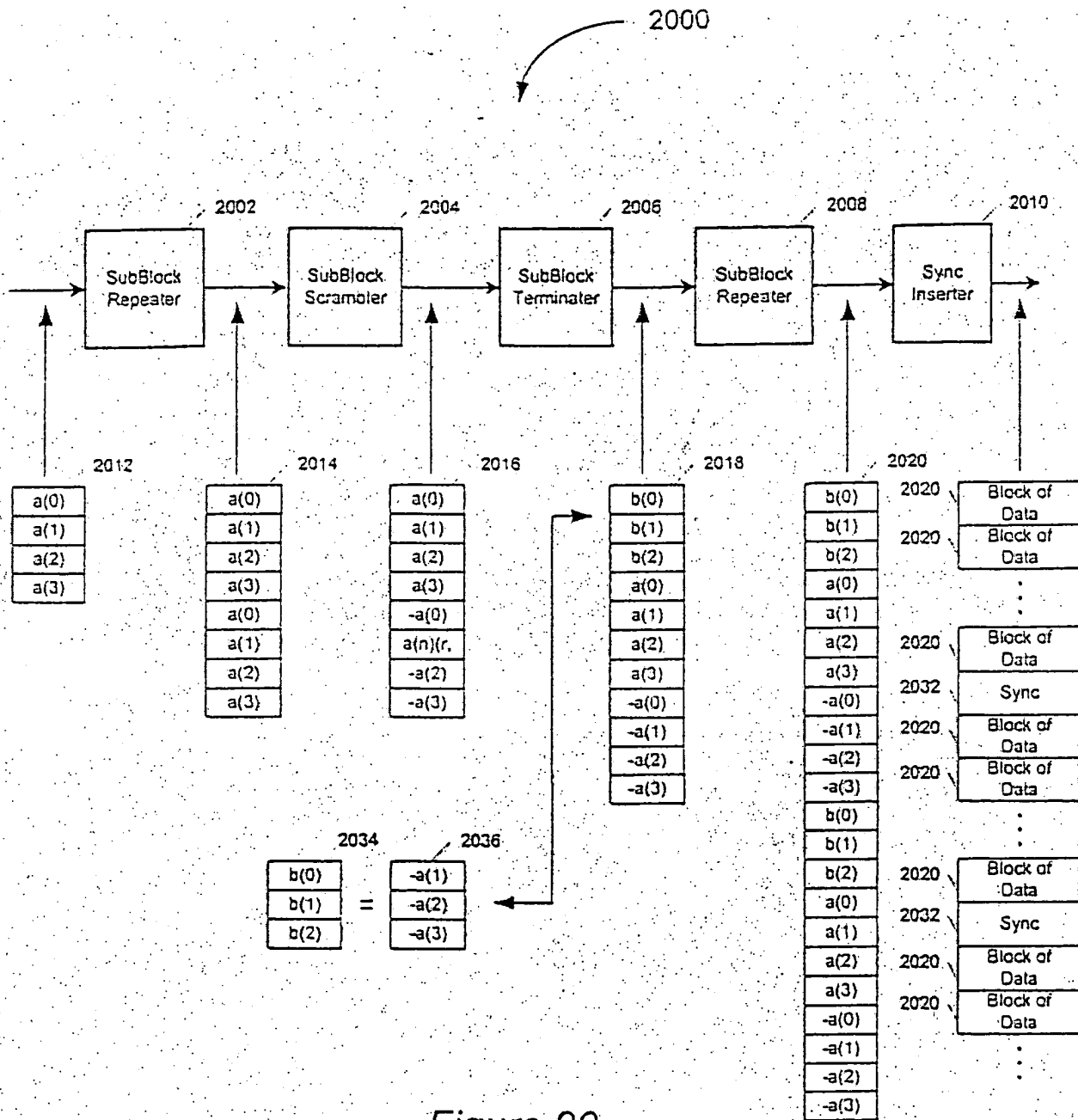


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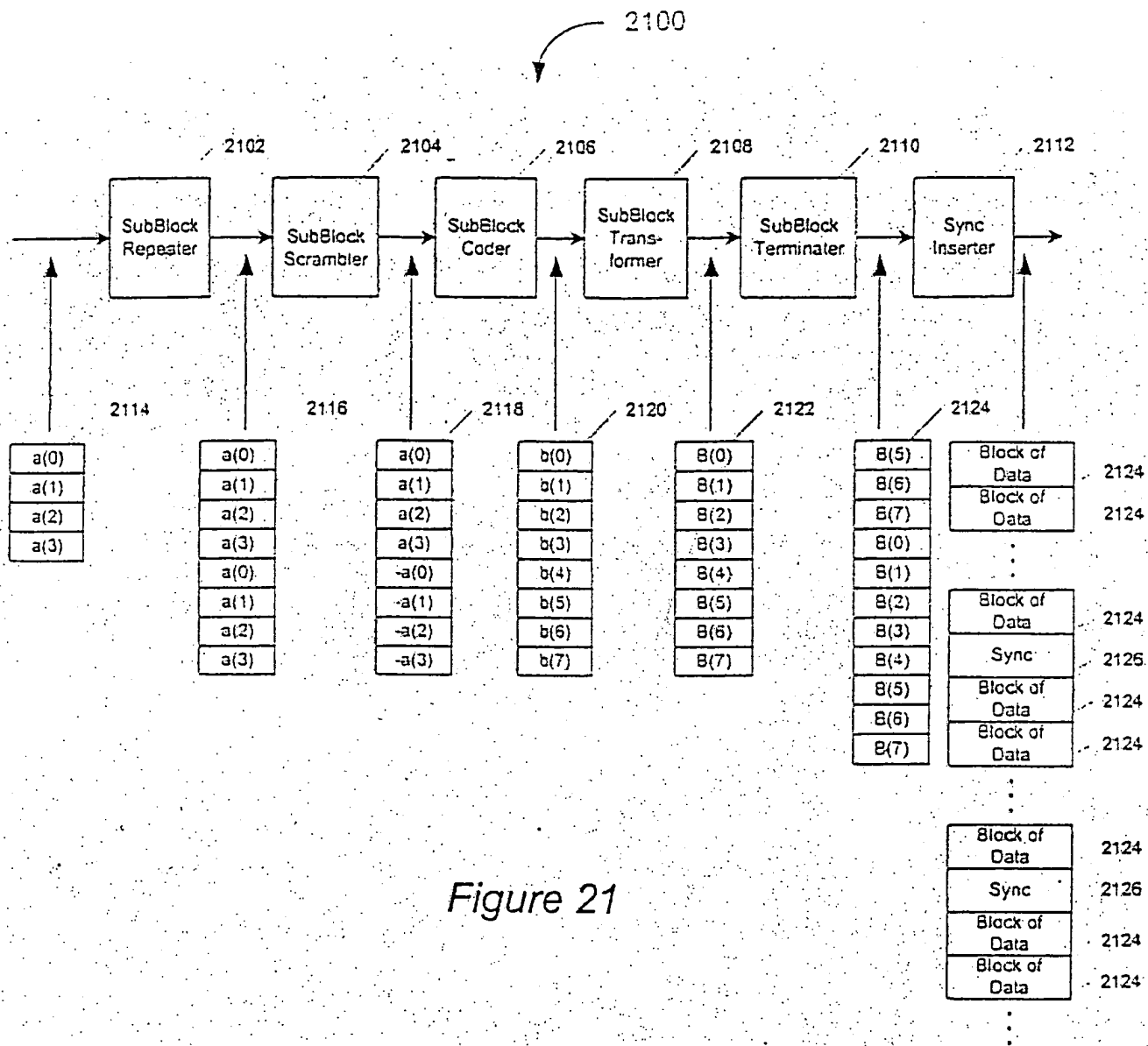


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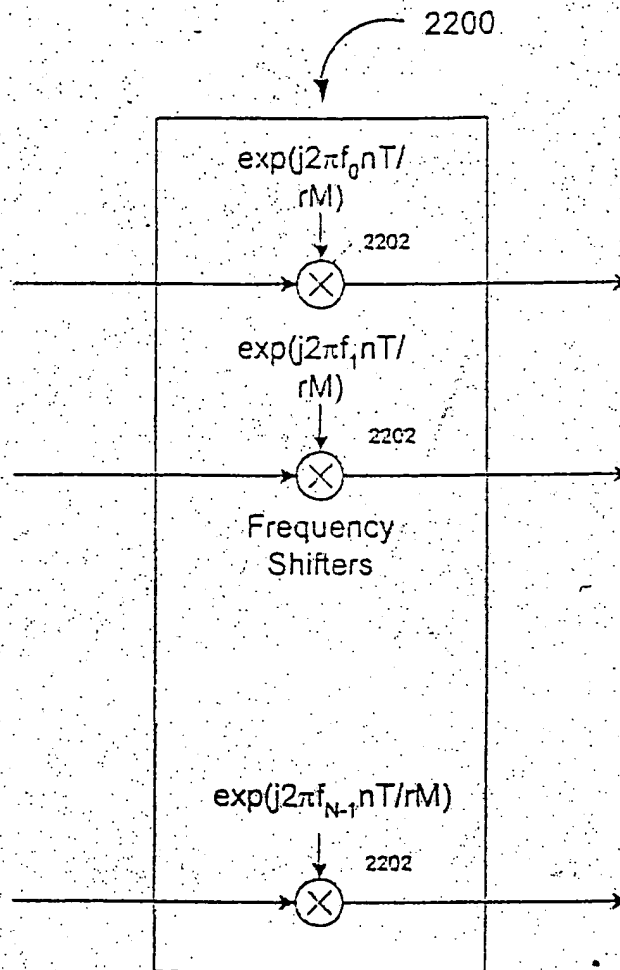


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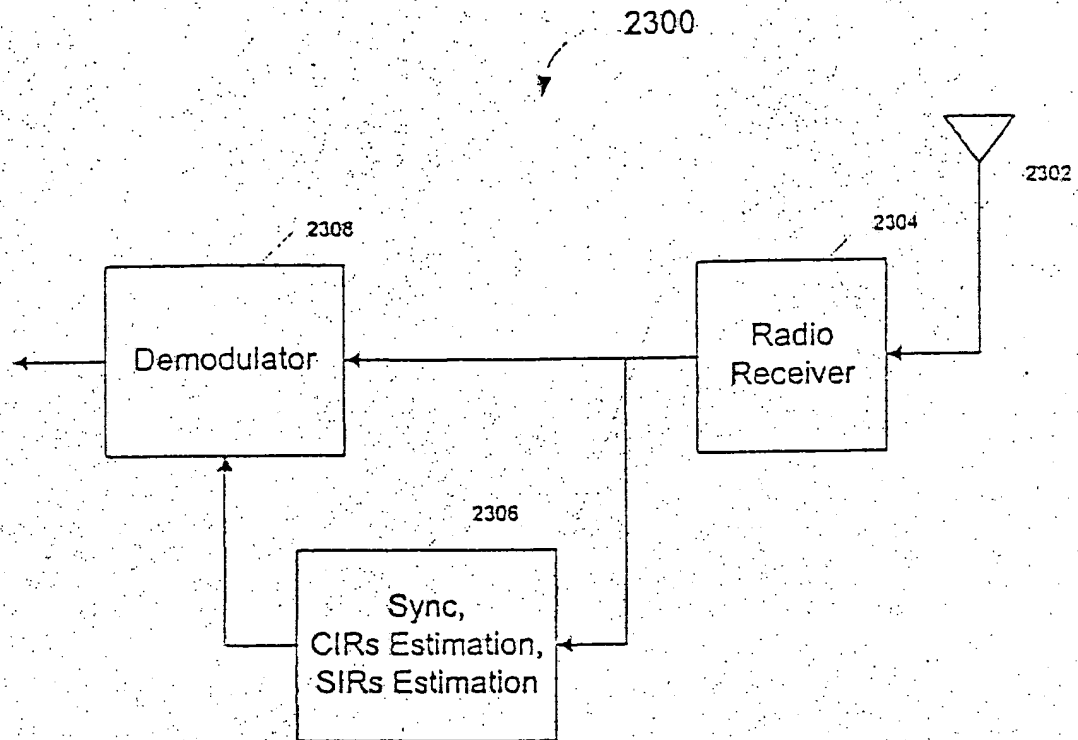


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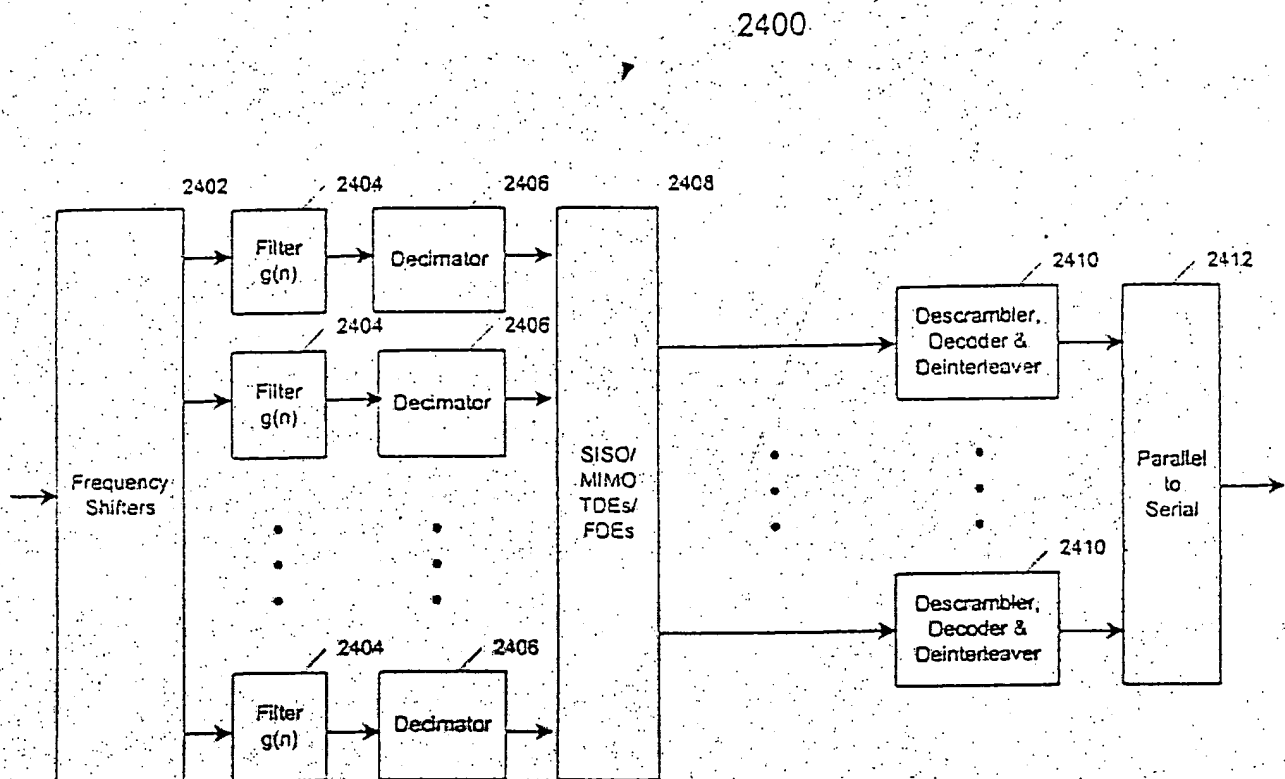


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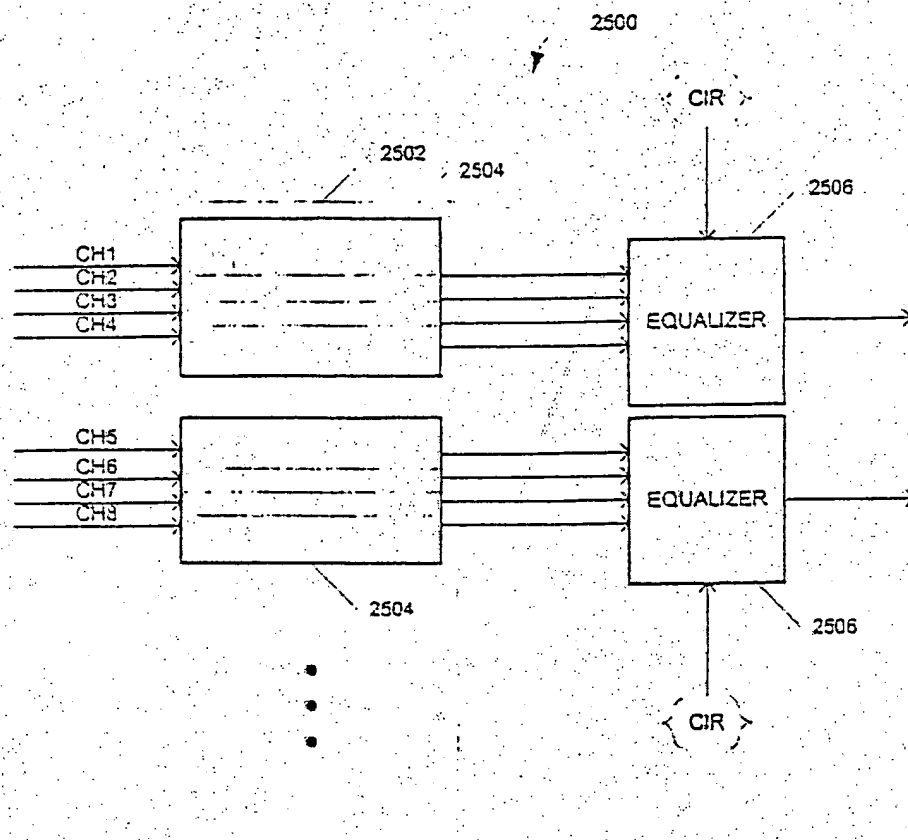


Figure 25



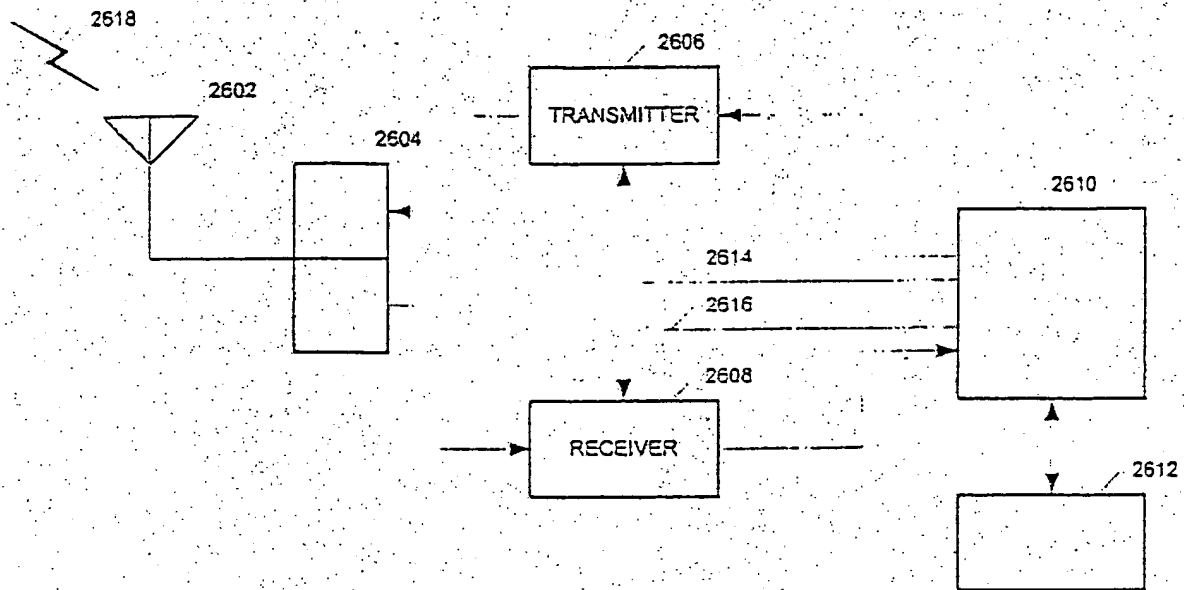


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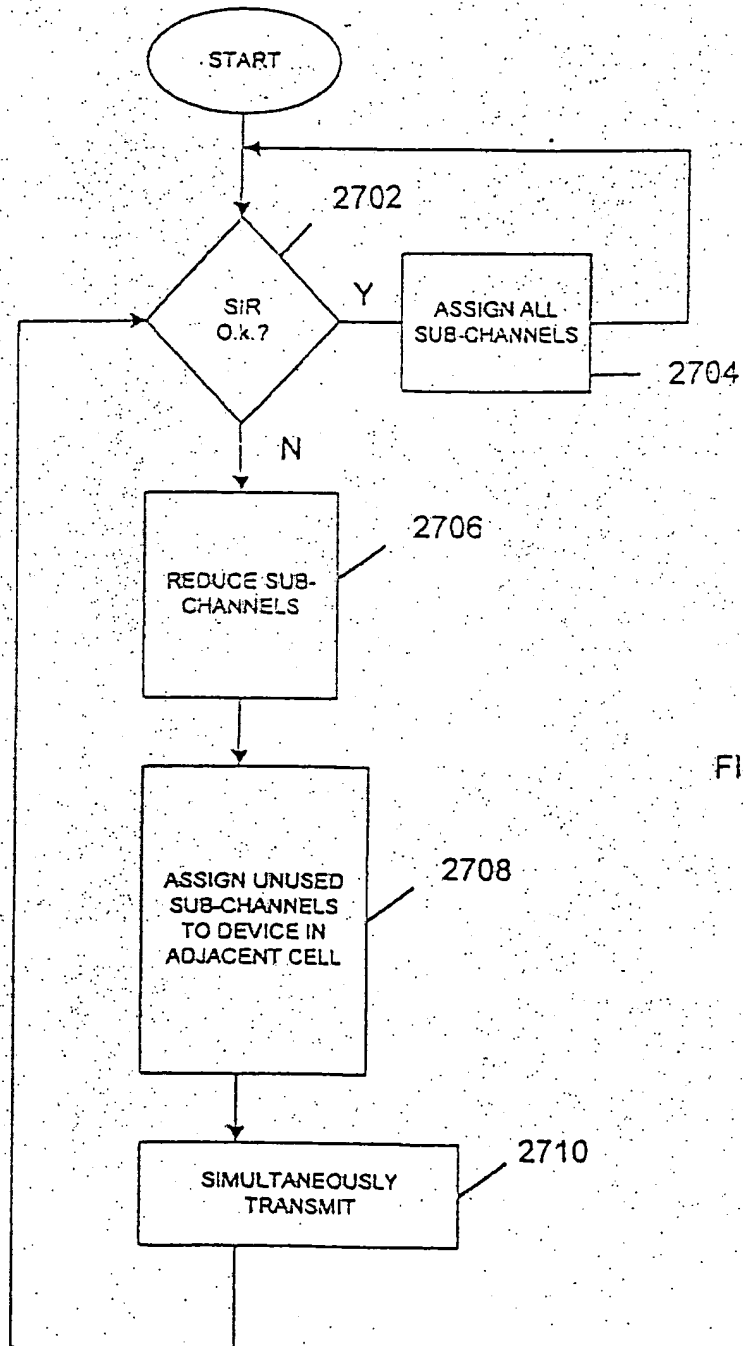


FIGURE 27

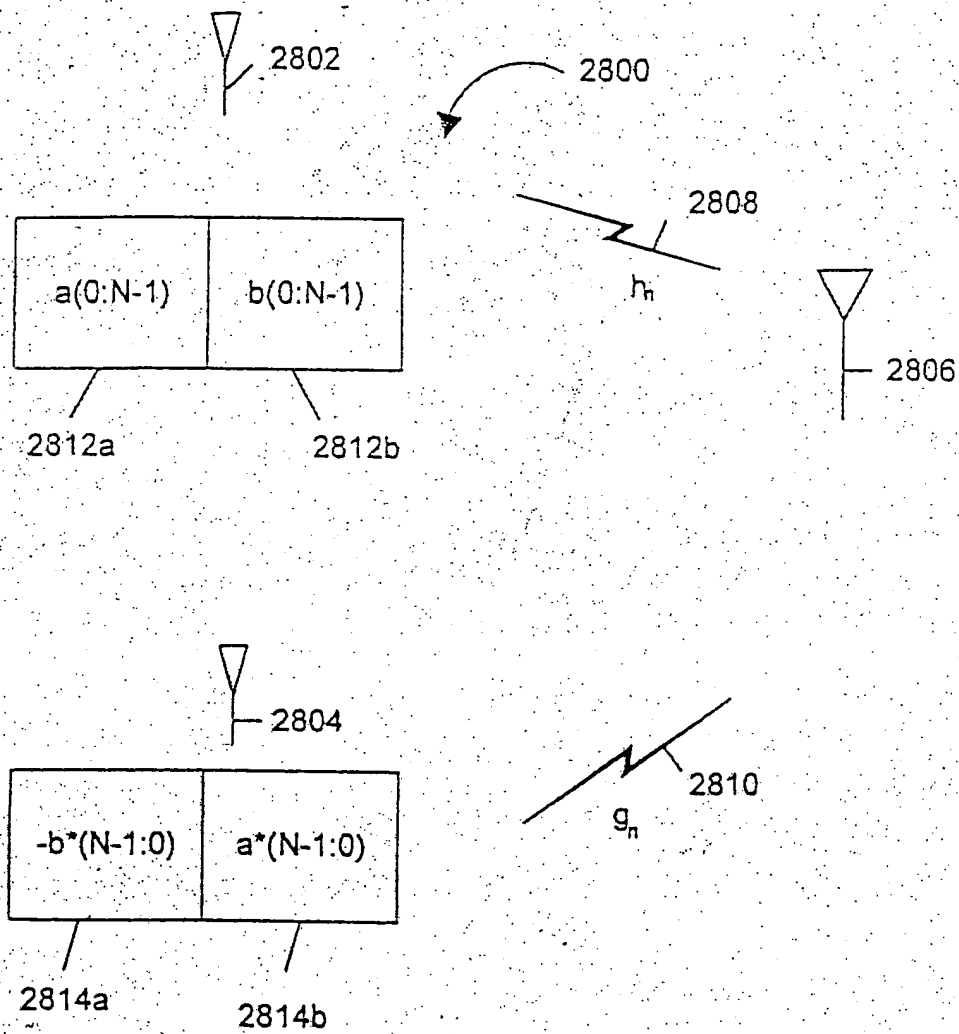


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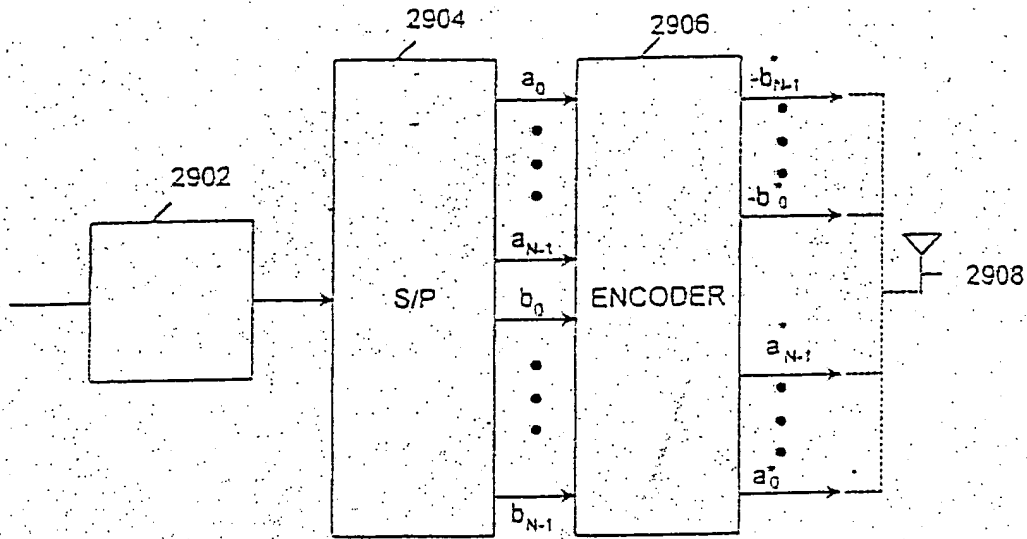


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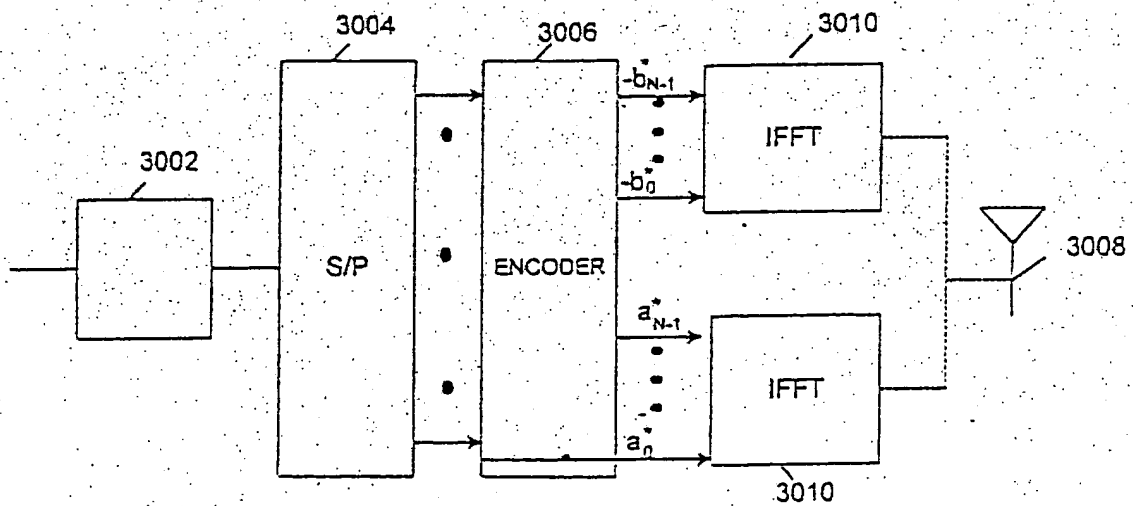


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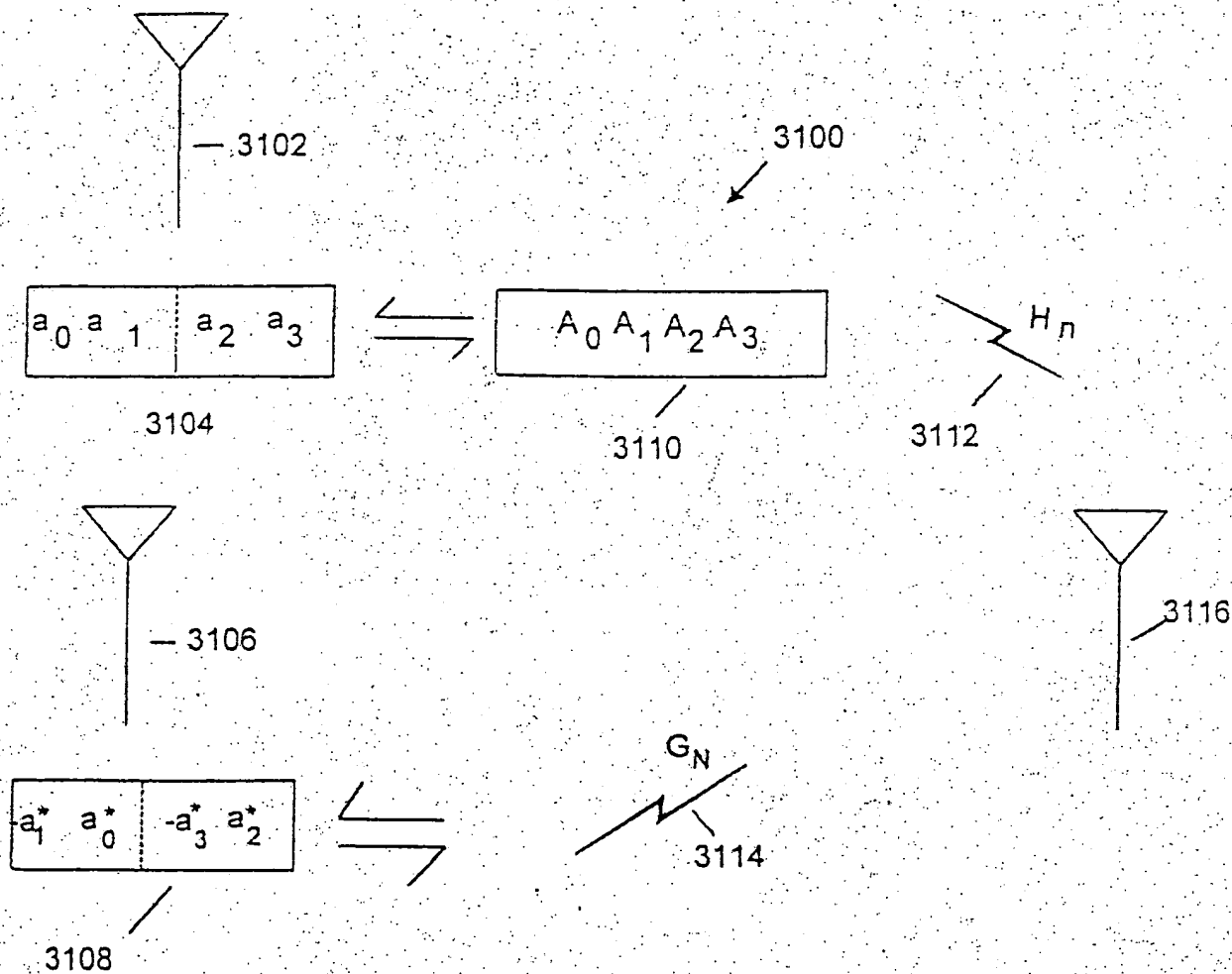


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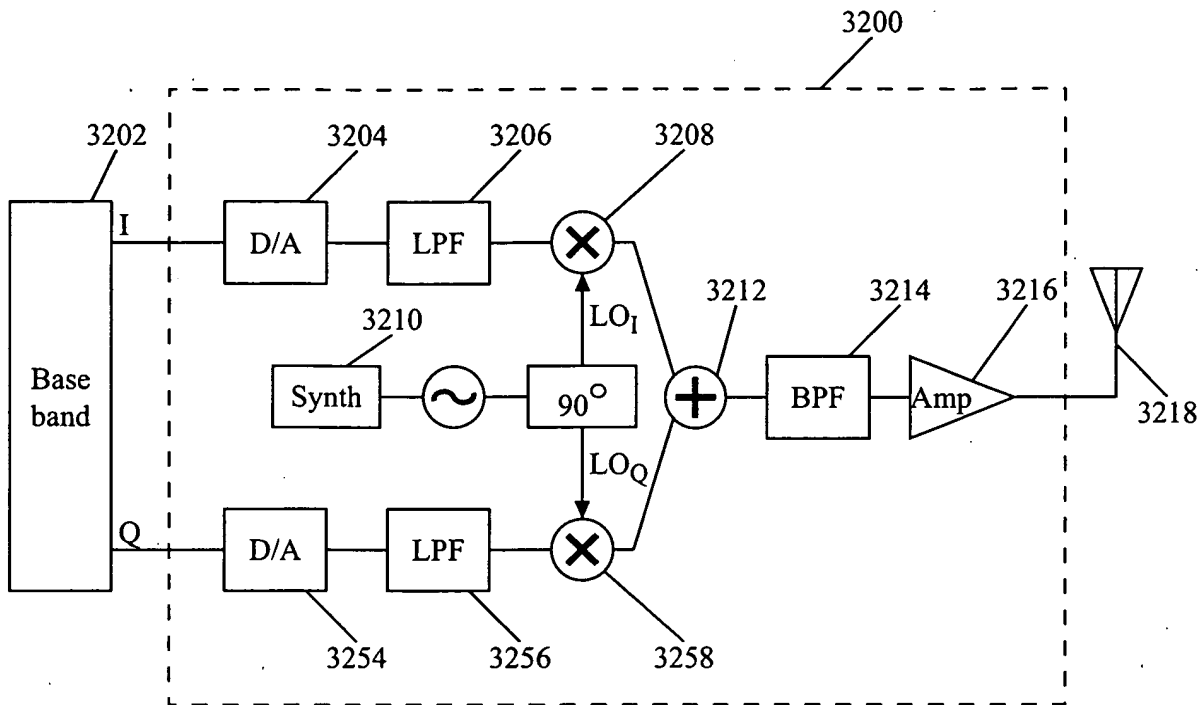


Fig. 32

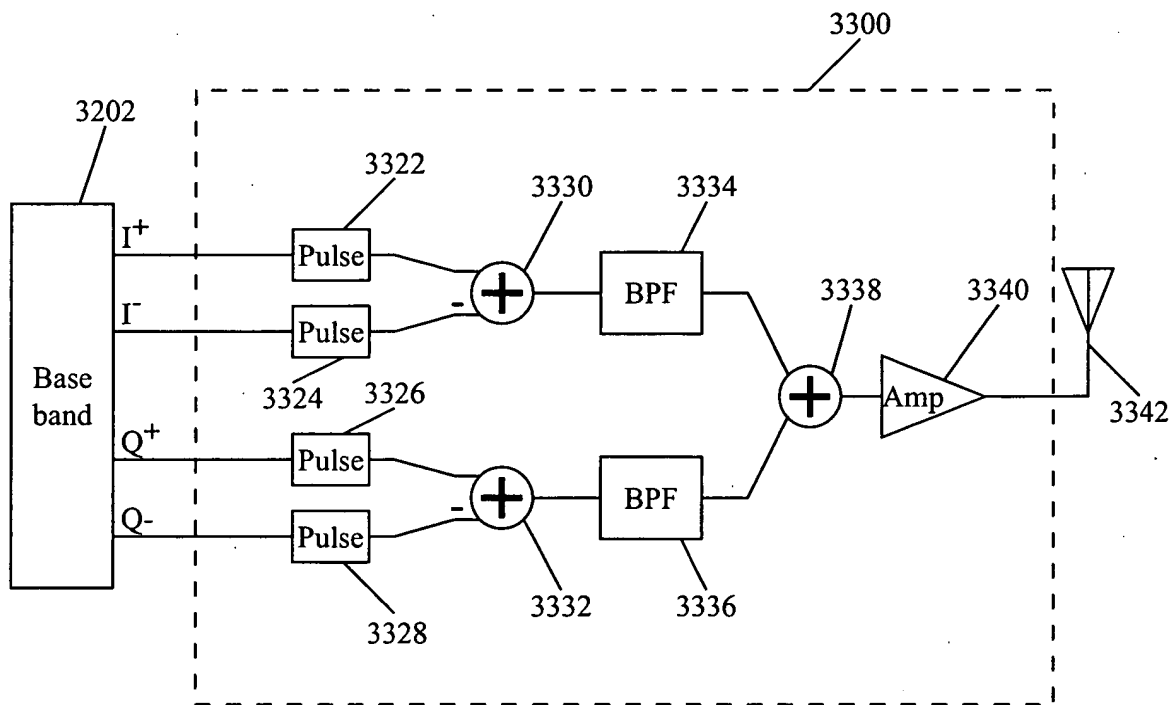
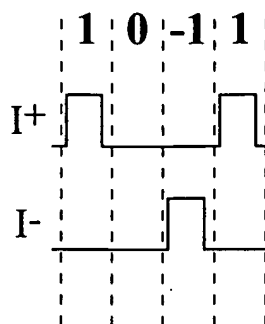
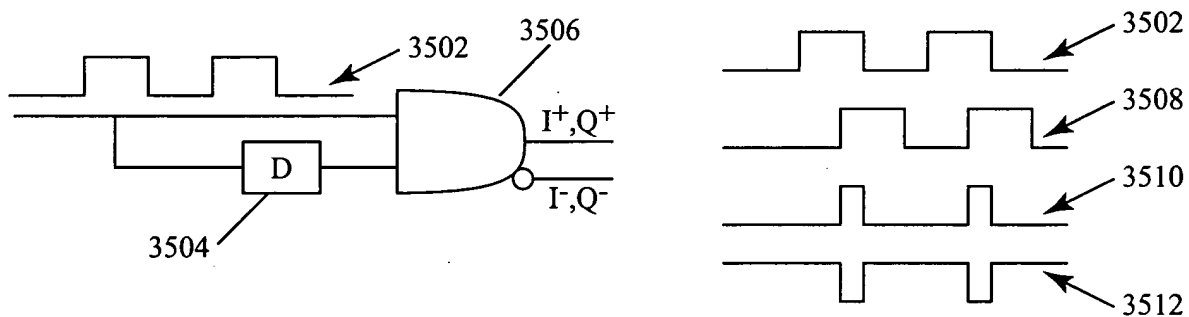


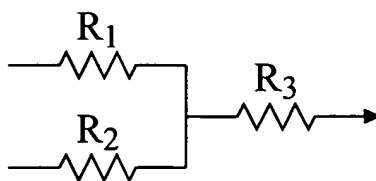
Fig. 33



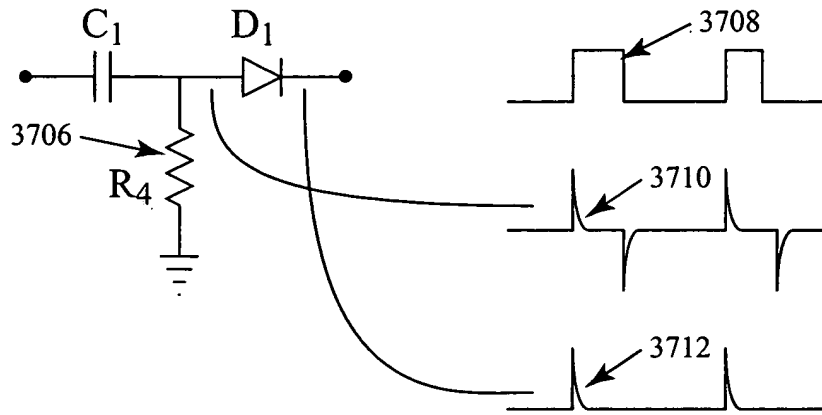
**Fig. 34**



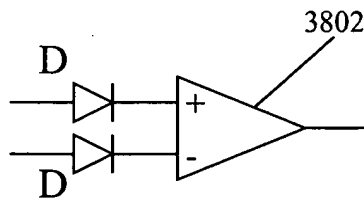
**Fig. 35**



**Fig. 36**



**Fig. 37**



**Fig. 38**



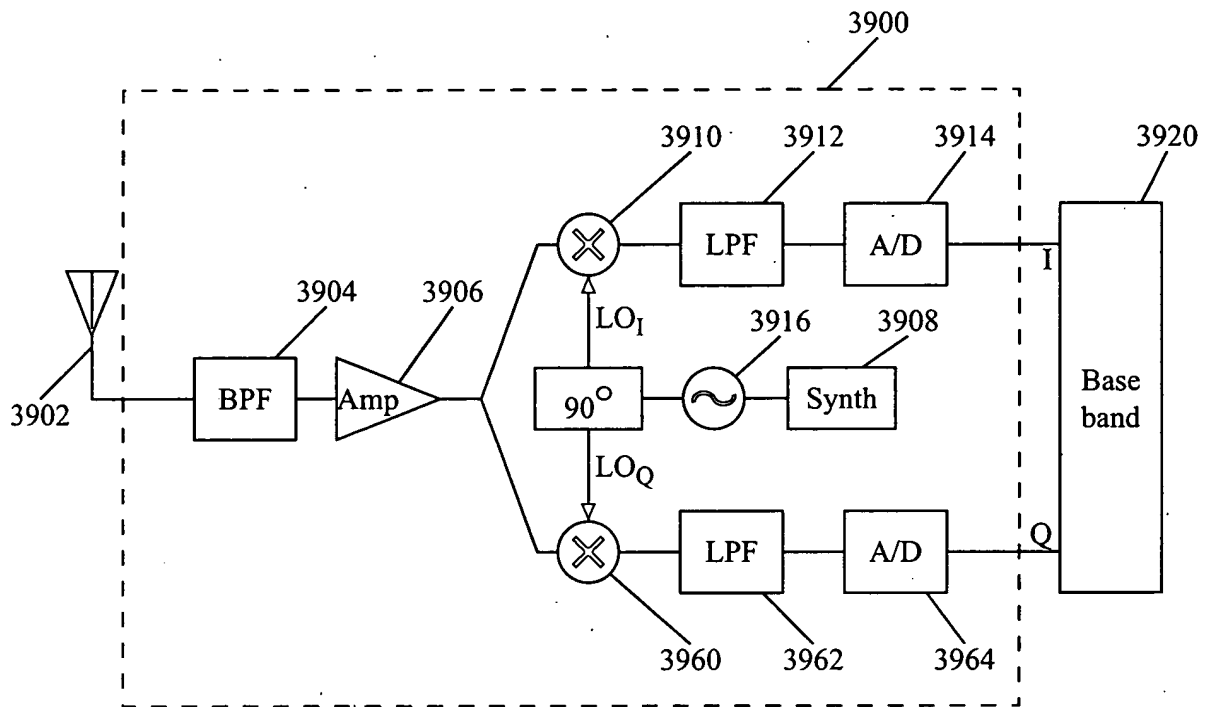


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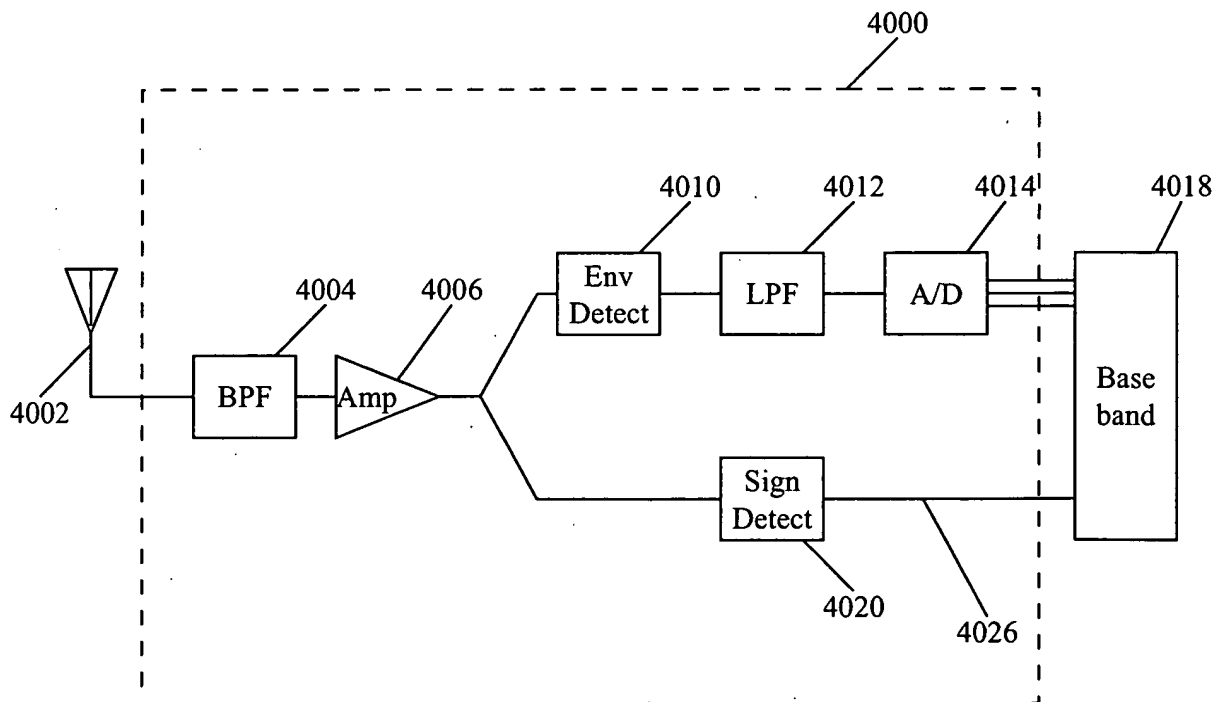
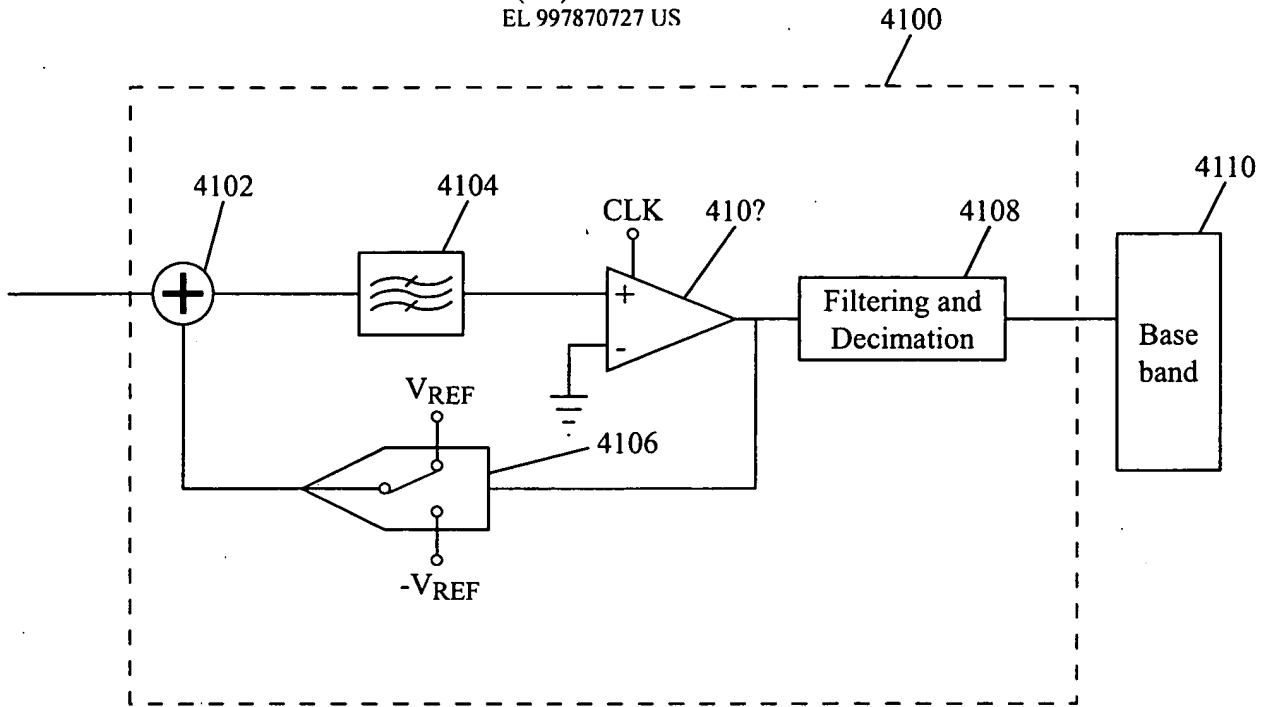


Fig. 40



**Fig. 41**

Sampling Frequency	BPF Order	Over Sampling Factor	Effective No. of Bits
5.33 GHz	0	4	1
5.33 GHz	1	4	2
5.33 GHz	2	4	2.85
8 GHz	0	6	1.3
8 GHz	1	6	3
8 GHz	2	6	4.3
10.666 GHz	0	8	1.5
10.666 GHz	1	8	3.64
10.666 GHz	2	8	5.35

**Fig. 42**